



PTO/SB/21 (09-84)

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JW 2128 \$

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/900,777	
	Filing Date	July 6, 2001	
	First Named Inventor	Michael K. BRAND	
	Art Unit	2128	
	Examiner Name	Kibrom K. GEBRESILASSIE	
Total Number of Pages in This Submission		Attorney Docket Number	12177/21201

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Replacement Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

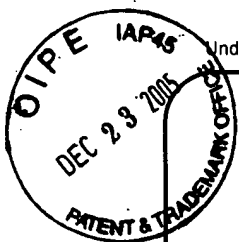
Firm	KENYON & KENYON		
Signature			
Printed Name	William E. Curry		
Date	December 23, 2005	Reg. No.	43,572

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	09/900,777
Filing Date	July 6, 2001
First Named Inventor	Michael K. BRAND
Examiner Name	Kibrom K. GEBRESILASSIE
Art Unit	2128
Attorney Docket No.	12177/21201

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order

☒ Deposit Account:

Deposit
Account
Number
11-0600

Deposit
Account
Name
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The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee
to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims - 20 ** = X 50 =

Independent Claims - 3 ** = X 200 =

Multiple Dependent X =

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	** Reissue independent claims over original patent
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

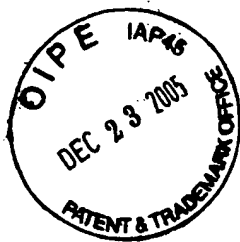
SUBTOTAL (3)

(\$)180.00

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	William E. Curry	Registration No. (Attorney/Agent)	43,572	Telephone	(202) 220-4200
Signature		Date	December 23, 2005		



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Michael K. BRAND *et al.*
Group Art Unit: 2128
Application No.: 09/900,777
Examiner: Kibrom K. GEBRESILASSIE
Filed: July 6, 2001
Docket No.: 12177/21201
For: METHOD FOR ESTIMATING CHANGES IN PRODUCT
LIFE RESULTING FROM HALT USING QUADRATIC
ACCELERATION MODEL

INFORMATION DISCLOSURE STATEMENT

Mail Stop – AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

☐ 1. This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before

the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.

☒ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a final action, Notice of Allowance, or any action that otherwise closes prosecution.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☒ c. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. 37 CFR §1.97(c)(2).

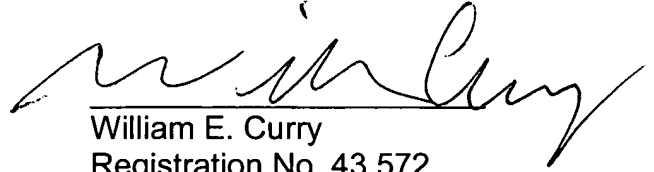
☐ 3. This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance or an action that otherwise closes prosecution, but before payment of the Issue Fee. Applicant(s) hereby request(s) that the Information Disclosure Statement be considered. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

Respectfully submitted,

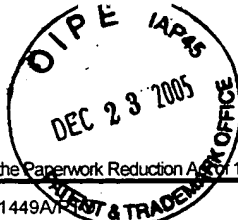
KENYON & KENYON



William E. Curry
Registration No. 43,572

Date: December 23, 2005

Kenyon & Kenyon
1500 K Street, N.W.
Washington, D.C. 20005
Telephone: (202) 220-4200
Facsimile: (202) 220-4201



PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/900,777
Filing Date	July 6, 2001
First Named Inventor	Michael K. BRAND
Art Unit	2128
Examiner Name	Kibrom K. GEBRESILASSIE
Attorney Docket Number	12177/21201

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-5,030,905	07-1991	Figal, Timothy E.	
	2	US-5,391,501	02-1995	Wei, Yi-Hen	
	3	US-5,744,975	04-1998	Notohardjono et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

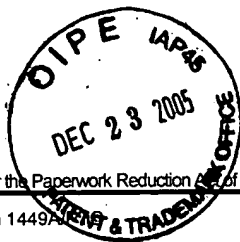
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4	Siegel, B. "Reliability and the Electronic Engineer," Intersil Corporation Application Note AN1104, March 24, 1998. http://www.intersil.com/data/an/an1104.pdf	
	5	Weibull.com, "Arrhenius Relationship Introduction," Printed from the 4/23/2001 archived version stored at Archive.org. http://web.archive.org/web/20010423072851/http://weibull.com/AccelTestWeb/arrhenius_relationship_introduction.htm	
	6	Reliasoft's ALTA 1.0 On-Site Training Guide. © 1999 http://www.reliasoft.org/pubs/alta1_training.pdf	
	7	Shih, C., Lambertson, R., et al., "Characterization and Modeling of a Highly Reliable Metal-to-Metal Antifuse for High-Performance and High-Density Field-Programmable Gate Arrays." 1997 IEEE Int'l Reliability Physics Symposium (IRPS), April 8, 1997	
	8	Technical Program of IRPS '97, pp. 1-2, April 8, 1997 http://www.irps.org/97-35th/tp97.html	
	9	Internet Archive "Way Back Machine" search results for http://www.weibull.com/acceltestwebcontents.htm	
	10	Weibull.com, "Quantitative Accelerated Life Testing Data Analysis: An Overview of Basic Concepts" © 1992-2005 http://www.weibull.com/basics/accelerated.htm	
	11	Weibull.com, "Accelerated Life Testing On_line Reference Contents," Printed from the 6/13/2001 archived version stored at Archive.org. http://web.archive.org/web/20010613024105/http://weibull.com/acceltestwebcontents.htm	

Examiner
SignatureDate
Considered

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Sheet 2 of 2

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First Named Inventor	Michael K. BRAND
Art Unit	2128
Examiner Name	Kibrom K. GEBRESILASSIE
Attorney Docket Number	12177/21201

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	Weibull.com, "The Mean Life Function," Printed from the 4/30/2001 archived version stored at Archive.org. http://web.archive.org/web/20010430125329/weibull.com/AccelTestWeb/the_mean_life_function.htm	
	13	Weibull.com, "Arrhenius Exponential," Printed from the 4/23/2001 archived version at Archive.org http://web.archive.org/web/20010423072436/weibull.com/AccelTestWeb/arrhenius_exponential.htm	
	14	Weibull.com, "Arrhenius Exponential Statistical Properties Summary," Printed from the 3/4/2001 archived version stored at Archive.org http://web.archive.org/web/20010304055733/weibull.com/AccelTestWeb/arrhenius_exponential_statistical_properties.htm	
	15	Weibull.com, "Stresses & Stress Levels," Printed from the 4/30/2001 archived version stored at Archive.org. http://web.archive.org/web/20010430192808/weibull.com/AccelTestWeb/stresses_stress_levels.htm	
	16	Weibull.com, "Accelerated Life Testing," Printed from the 3/3/2001 archived version stored at Archive.org. http://web.archive.org/web/20010303041409/weibull.com/AccelTestWeb/acceleratead_life_testing.htm	
	17	Weibull.com, "Types of Accelerated Tests," Printed from the 4/22/2001 archived version stored at Archive.org. http://web.archive.org/web/20010422214528/www.weibull.com/AccelTestWeb/types_of_accelerated_tests.htm	
	18	Weibull.com, "Quantitative Accelerated Life Tests," Printed from the 12/17/2001 archived version stored at Archive.org http://web.archive.org/web/20011217220235/www.weibull.com/AccelTestWeb/accelerated_life_tests.htm	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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